

Converting Colors

Hex(68DBA5)

Have a look what the booklet for
Hex(68DBA5) contains.

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Color

Hex(68DBA5)

Conversions

Conversions Part 1

Format	Color
Hex	68DBA5
RGB	104, 219, 165
RGB Percent	41%, 86%, 65%
CMY	0.5922, 0.1412, 0.3529
CMYK	0.53, 0.00, 0.25, 0.14
HSL	152°, 61%, 63%
HSV	152°, 53%, 86%
XYZ	37.8320, 56.3227, 44.4747
YIQ	178.4590, -51.2060, -41.1740

Conversions

Conversions Part 2

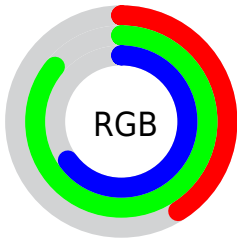
Format	Color
RYB	104, 179, 219
Decimal	6871973
CIELab	79.80, -45.12, 16.77
CIElCh	80, 48.137, 159.607
Yxy	56.3227, 0.2729, 0.4063
Android (android.graphics.Color)	4285062053 (0xFF68DBA5)
YUV	178.4590, -6.6353, -65.3005
Hunter-Lab	75.0485, -41.3528, 17.3979

Details

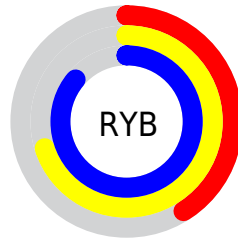
The Hex color **68DBA5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DB689E**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A2FFDC**, and **28A371** is the 20% darker color. If you saturate the color by 10%, you get **52DB9B**, and if you desaturate by 10%, it is **7EDBAF**.

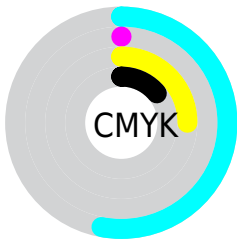
Distribution



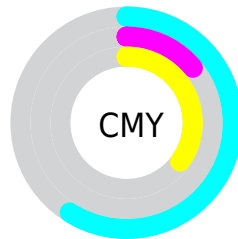
- Red (41%)
- Green (86%)
- Blue (65%)



- Red (41%)
- Yellow (70%)
- Blue (86%)



- Cyan (53%)
- Magenta (0%)
- Yellow (25%)
- Black (14%)



- Cyan (59%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68DBA5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 68DBA5 by changing the saturation by 10% instead.

 68DBA5

 68DBA5

FFFFFF

 4ABF8B


 A2FFDC

 28A371

 BFFFF9

 008858

 DDFFFF

 006E41

 FBFFFF

 00552A

 003D15

 002700

 000000

 68DBA5

 68DBA5

 52DB9B

 7EDBAF

 3CDB90

 94DBBA

 26DB86

 AADBC4

 10DB7C

 C0DBCE

 00DB74

 D5DBD8

 EBDBE3

 FFDBED

 FFDBF7

 FFDBFF

Harmonies

Analogous

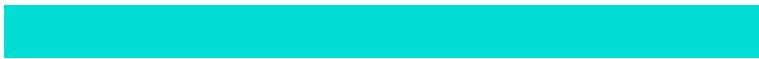
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3D47F



68DBA5



00DDD3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68DBA5



99C5FF



FFA98F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68DBA5



DB689E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA2B9



68DBA5



DDB5FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68DBA5



35D3FF



FFA6E6



FCB872

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68DBA5



00DCF1



FFA6E6



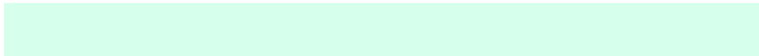
FFA69C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68DBA5



D6FFEC



A0DB68



678074



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68DBA5



5EFFB4



68D9DB



636E69



00AD5C



002E18

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DB689E



FF5EAA



DB6A68



6E6368



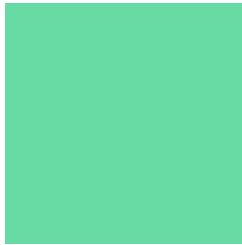
AD0051



2E0016

Previews

White Background



This preview shows how the Hex color 68DBA5 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 68DBA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 68DBA5 Background



This preview shows how black text looks on a background with the Hex color 68DBA5.

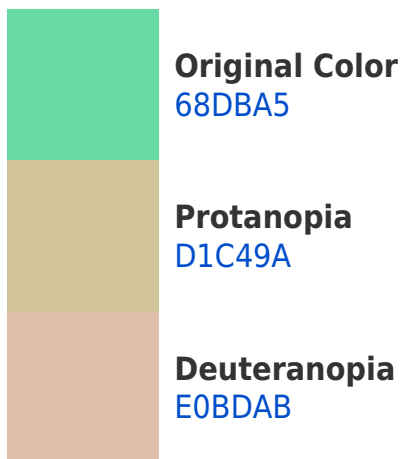


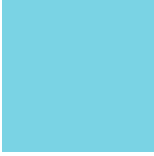
This preview shows how white text looks on a background with the Hex color 68DBA5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
7AD3E4

Trichromacy



Original Color
68DBA5



Protanomaly
ABCC9E



Deuteranomaly
B4C8A9



Tritanomaly
73D6CD

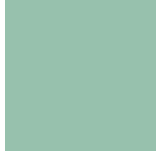
Monochromacy



Original Color
68DBA5



Achromatopsia
B2B2B2



Achromatomaly
97C1AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 68DBA5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #68DBA5 looks like.

```
.text, #text, p{  
    color:#68DBA5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #68DBA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68DBA5
}
```

Border

The CSS property to change the border of an element to Hex 68DBA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68DBA5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#68DBA5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #68DBA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68DBA5; -webkit-box-shadow:4px 4px  
4px 4px #68DBA5; box-shadow:4px 4px 4px  
4px #68DBA5 }
```

Background

The CSS property to change the background color of an element to Hex 68DBA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68DBA5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#68DBA5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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